

IN THE CLAIMS

Claim 1 (currently amended): A sealing device (4) for a reciprocating shaft, the sealing device being interposed between a shaft (1) reciprocating in an axial direction and an outer peripheral member (2) surrounding an outer periphery thereof, comprising

a washer (41);

a main lip (42) integrally bonded to a sealed space (A) side of the washer (41) and slidably brought into close contact with an outer peripheral surface (1a) of said shaft (1);

an auxiliary lip (43) integrally formed in an outer peripheral side thereof; a backup ring (44) fitted to a portion between an atmosphere (B) side of the slidable surface (42C) of said main lip (42) and an inner peripheral portion (41a) of said washer (41) and bearing said main lip (42) from the atmosphere (B) side and the inner peripheral side;

a dust lip (45) integrally bonded to the atmosphere (B) side of said washer (41) and slidably brought into close contact with the outer peripheral surface (1a) of said shaft (1); and

an outer peripheral lip (46) integrally bonded to the outer peripheral portion (41b) of said washer (41) and brought into close contact with said outer peripheral member (2),

wherein said auxiliary lip (43) is brought into close contact with an inner peripheral surface of an inner peripheral step portion (31) formed in an inner periphery of a contact portion with said washer (41) in a rod guide (3) fixed to said outer peripheral member (2) and having an inner peripheral surface closely faced to an outer peripheral surface of said shaft (1) so as to be continuous in a circumferential direction, with a proper fastening margin.

Claim 2 (currently amended): A sealing device (4) for a reciprocating shaft, the sealing device being interposed between a

shaft (1) reciprocating in an axial direction and an outer peripheral member (2) surrounding an outer periphery thereof, comprising

a washer (41);

a main lip (42) closely fitted to a main lip holding concave portion (41e) formed in a sealed space (A) side in an inner peripheral portion (41a) of the washer (41) so as to be continuous in a circumferential direction and slidably brought into close contact with an outer peripheral surface (1a) of said shaft (1);

a backup ring (44) fitted to a portion between an atmosphere (B) side of the slidable surface (42e) of the main lip (42) and a rising surface of said main lip holding concave portion (41e) and bearing said main lip (42) from the atmosphere (B) side and the inner peripheral side;

a dust lip (45) integrally bonded to the atmosphere (B) side of said washer (41) and slidably brought into close contact with the outer peripheral surface (1a) of said shaft (1); and

an outer peripheral lip (46) integrally bonded to the outer peripheral portion (1a) of said washer (41) and brought into close contact with said outer peripheral member (2).

Claim 3 (currently amended): A sealing device (4) for a reciprocating shaft, the sealing device being interposed between a shaft (1) reciprocating in an axial direction and an outer peripheral member (2) surrounding an outer periphery thereof, comprising

a washer (41);

an auxiliary washer (47) arranged in a sealed space (A) side of said washer (41) in a state of being brought into contact with a rod guide (3) fixed to said outer peripheral member (2) and having an inner peripheral surface closely faced to an outer peripheral surface of said shaft (1), and having an outer peripheral portion pressure-inserted and fitted to said washer (41);

a main lip (42) integrally bonded to a sealed space (A) side in an inner peripheral portion of the auxiliary washer (47) and

slidably brought into close contact with an outer peripheral surface ~~(1a)~~ of said shaft ~~(1)~~;

an outer peripheral lip ~~(46)~~ integrally bonded to an outer peripheral portion of said auxiliary washer ~~(47)~~ and brought into close contact with said outer peripheral member ~~(2)~~;

a backup ring ~~(44)~~ fitted to a portion between an atmosphere ~~(B)~~ side of the slidable surface ~~(42e)~~ of said main lip ~~(42)~~ and an inner peripheral portion ~~(41a)~~ of said washer ~~(41)~~ and bearing said main lip ~~(42)~~ from the atmosphere ~~(B)~~ side and the inner peripheral side; and

a dust lip ~~(45)~~ integrally bonded to the atmosphere ~~(B)~~ side of said washer ~~(41)~~ and slidably brought - - - - the outer peripheral surface ~~(1a)~~ of said shaft ~~(1)~~.